

1940 SUPPLEMENT TO THE COLEOPTERA FOUND
LIVING IN AND ON VARIOUS FUNGI.

BY HERMAN C. MOENNICH, Little Neck, N. Y.

The 1940 season began with one good day in June, then due to unfavorable weather conditions from June 7 to the end of July, the collecting was very poor. In August more specimens were found to be infesting the fungi. September was the best month for my investigations that year.

On examining hundreds of specimens of *Russula emetica* Persoon, I noted that this species of fungus is rarely attacked and very few specimens of Coleoptera were taken from it.

IN COLLYBIA RADICATA FRIES.

STAPHYLINIDAE.

- Hesperus apicalis* Say. Tenafly, N. J., 7.VI.1940. 3 specimens.
Bolitobius pygmaeus Fab. Tenafly, N. J., 7.VI.1940. 1 specimen.
Bolitobius cinctus Grav. Tenafly, N. J., 7.VI.1940. 2 specimens.
Gyrophaena fasciata Say. Tenafly, N. J., 7.VI.1940. 328 specimens.

(taken on 12 specimens of *Collybia radicata*)

NITIDULIDAE.

- Pallodes silaceus* Er. Tuxedo, N. Y., 27.VII.1940. 2 specimens.

IN COLLYBIA PLATYPHYLLA PERSOON.

PHALACRIDAE.

- Olibrus pallipes* Say. Suffern, N. Y., 30.VII.1939. 5 specimens.

NITIDULIDAE.

- Amphicrossus ciliatus* Oliv. Suffern, N. Y., 30.VII.1939. 1 specimen.

STAPHYLINIDAE.

- Gyrophaena fasciata* Say. Arden, N. Y., 30.VI.1940. 21 specimens.

IN AMANITA RUBESCENS PERSOON.

NITIDULIDAE.

- Pallodes silaceus* Er. Suffern, N. Y. 30.VII.1939. 5 specimens.

IN POLYPORUS SULFUREUS FRIES.

STAPHYLINIDAE.

- Philonthus* species. Suffern, N. Y., 30.VII.1939. 1 specimen.
Lathrobium species. Suffern, N. Y., 30.VII.1939. 1 specimen.
Neobisnius species. Suffern, N. Y., 30.VII.1939. 1 specimen.

PHALACRIDAE.

- Olibrus pallipes* Say. Suffern, N. Y., 30.VII.1939. 15 specimens.

IN RUSSULA BADIA.

STAPHYLINIDAE.

- Tachinus fimbriatus* Grav. Haskell, N. J., 13.VII.1940. 1 specimen.

NITIDULIDAE.

- Pallodes silaceus* Er. Haskell, N. J., 13.VII.1940. 2 specimens.

IN INOCYBE ABUNDANS.

STAPHYLINIDAE.

- Gyrophæna fasciata* Say. Haskell, N. J., 13.VII.1940. 15 specimens.

IN ARMILLARIA MELLEA QUÉL.

STAPHYLINIDAE.

- Oxytelus nanus* Er. Haskell, N. J., 13.VII.1940. 2 specimens.
Tachinus fimbriatus Grav. Haskell, N. J., 13.VII.1940. 1 specimen.
Tachinus fimbriatus Grav. Haskell, N. J., 15.IX.1940. 15 specimens.
Gyrophæna fasciata Say. Haskell, N. J., 13.VII.1940. 11 specimens.
Gyrophæna fasciata Say. Haskell, N. J., 15.IX.1940. 5 specimens.
Atheta virginica Bnhr. Haskell, N. J., 13.VII.1940. 3 specimens.
Atheta frosti Bnhr. Haskell, N. J., 13.VII.1940. 2 specimens.
Oxyporus femoralis Grav. Haskell, N. J., 15.IX.1940. 1 specimen.
Oxyporus vittatus Grav. Haskell, N. J., 15.IX.1940. 6 specimens.
Oxyporus occipitalis Fauv. Haskell, N. J., 15.IX.1940. 3 specimens.

ON RUSSULA COMPACTA FROST & PECK.

HISTERIDAE.

Hister abbreviatus Fab. Tuxedo, N. Y., 27.VII.1940. 1 specimen.

STAPHYLINIDAE.

Gyrophæna flavicornis Melsh. Staten Is., N. Y. 11.IX.1940. 3 specimens.

Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 8 specimens.

ON BOLETUS PALLIDUS.

STAPHYLINIDAE.

Bolitobius anticus Horn. Tuxedo, N. Y., 27.VII.1940. 1 specimen.

ON PANUS STRIGOSUS.

EROTYLIDAE.

Triplax thoracica Say. Sloatsburg, N. Y., 18.VIII.1940. 1 specimen.

MYCETOPHAGIDAE.

Mycetophagus bipustulatus Melsh. Sloatsburg, N. Y., 18.VIII.1940. 1 specimen.

ON BOLETUS ALVEOLATUS BERK. & CURT.

STAPHYLINIDAE.

Hesperus apicalis Say. Sloatsburg, N. Y., 18.VIII.1940. 1 specimen.

HISTERIDAE.

Platysoma lecontei Mars. Sloatsburg, N. Y., 18.VIII.1940. 1 specimen.

ON RUSSULA BIFIDA.

STAPHYLINIDAE.

Staphylinus fossator Grav. Sloatsburg, N. Y., 18.VIII.1940. 3 specimens.

ON LACTARIUS PIPERATUS FRIES.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Sloatsburg, N. Y., 18.VIII.1940. 7 specimens.

Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 3 specimens.

Atheta species. Staten Is., N. Y., 11.IX.1940. 4 specimens.

NITIDULIDAE.

Amphicrossus ciliatus Oliv. Staten Is., N. Y., 11.IX.1940. 2 specimens.

PHALACRIDAE.

Stilbus apicalis Melsh. Staten Is., N. Y., 11.IX.1940. 1 specimen.

ON CLITOCYBE ORCELLA.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Sloatsburg, N. Y., 18.VIII.1940. 6 specimens.

Bolitobius cinctus Grav. Sloatsburg, N. Y., 18.VIII.1940. 1 specimen.

ON CLITOCYBE CLAVIPES QUÉL.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Arden, N. Y., 30.VI.1940. 38 specimens.

ON RUSSULA CYNOXIA.

STAPHYLINIDAE.

Atheta frosti Bnhr. Sloatsburg, N. Y., 18.VIII.1940. 2 specimens.

ON COLLYBIA ACERVATA KARST.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Arden, N. Y., 30.VI.1940. 18 specimens.

Gyrophæna fasciata Say. Sloatsburg, N. Y., 18.VIII.1940. 9 specimens.

Atheta frosti Bnhr. Sloatsburg, N. Y., 18.VIII.1940. 2 specimens.

ON LACTARIUS VOLEMUS FRIES.

STAPHYLINIDAE.

Atheta frosti Bnhr. Sloatsburg, N. Y., 18.VIII.1940. 2 specimens.

ON POLYPORUS BETULINUS.

STAPHYLINIDAE.

Oligota pusillima Grav. Sloatsburg, N. Y., 18.VIII.1940. 1 specimen.

ON AMANITA PHALLOIDES QUÉL.

STAPHYLINIDAE.

- Gyrophæna flavicornis* Melsh. Staten Is., N. Y., 11.IX.1940. 4 specimens.
Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 5 specimens.
Atheta virginica Bnhr. Staten Is., N. Y., 11.IX.1940. 3 specimens.

NITIDULIDAE.

- Pallodes silaceus* Er. Staten Is., N. Y., 11.IX.1940. 5 specimens.

EROTYLIDAE.

- Tritoma biguttata* Say. Staten Is., N. Y., 11.IX.1940. 4 specimens.
Tritoma sanguinipennis Say. Staten Is., N. Y., 11.IX.1940. 1 specimen.

ON RUSSULA EMETICA PERSOON.

STAPHYLINIDAE.

- Atheta frosti* Bnhr. Staten Is., N. Y., 23.VIII.1940. 2 specimens.

NITIDULIDAE.

- Pallodes silaceus* Er. Tuxedo, N. Y., 27.VII.1940. 3 specimens.
Pallodes silaceus Er. Staten Is., N. Y., 23.VIII.1940. 1 specimen.

ON BOLETUS BICOLOR PK.

STAPHYLINIDAE.

- Bolitobius cinctus* Grav. Staten Is., N. Y., 23.VIII.1940. 1 specimen.

ON CLAVARIA AUREA FRIES.

NITIDULIDAE.

- Pallodes silaceus* Er. Staten Is., N. Y., 23.VIII.1940. 2 specimens.

ON PLUTEUS CERVINUS QUÉL.

STAPHYLINIDAE.

- Gyrophæna flavicornis* Melsh. Staten Is., N. Y., 11.IX.1940. 2 specimens.

NITIDULIDAE.

- Pallodes silaceus* Er. Staten Is., N. Y., 11.IX.1940. 4 specimens.

ON COLLYBIA VELUTIPES QUÉL.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 2 specimens.

NITIDULIDAE.

Stelidota geminata Say. Staten Is., N. Y., 11.IX.1940. 1 specimen.

ON RUSSULA VIRESCENS FRIES.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 2 specimens.

NITIDULIDAE.

Pallodes silaceus Er. Staten Is., N. Y., 11.IX.1940. 1 specimen.

ON BOLETUS SCABER BULL.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 2 specimens.

Atheta virginica Bnhr. Staten Is., N. Y., 11.IX.1940. 1 specimen.

NITIDULIDAE.

Pallodes silaceus Er. Staten Is., N. Y., 11.IX.1940. 2 specimens.

ON RUSSULA FOETENS FRIES.

STAPHYLINIDAE.

Gyrophæna fasciata Say. Staten Is., N. Y., 11.IX.1940. 7 specimens.

Bolitobius pygmaeus Fab. Staten Is., N. Y., 11.IX.1940. 1 specimen.

ON POLYPORUS GIGANTEUM.

STAPHYLINIDAE.

Tachinus fimbriatus Grav. Haskell, N. J., 15.IX.1940. 2 specimens.

Philonthus fusiformis Melsh. Haskell, N. J., 15.IX.1940. 2 specimens.

Deinopsis americana Kr. Haskell, N. J., 15.IX.1940. 1 specimen.

Gyrophæna fasciata Say. Haskell, N. J., 15.IX.1940. 1 specimen.

NITIDULIDAE.

Stelidota geminata Say. Haskell, N. J., 15.IX.1940. 1 specimen.

PHALACRIDAE.

Olibrus pallipes Say. Haskell, N. J., 15.IX.1940. 1 specimen.

Plinthisus martini Van Duzee 1921 (Hemiptera, Lygaeidae), a **Synonym**.—In preparing the keys for my Synopsis Part III, a minute and careful checking and comparison of the original descriptions (the only ones) reveals identity of critical characters in *Plinthisus longisetosus* Barber 1918 (Proc. Ent. Soc. Wash., XX, p. 110) and *Plinthisus martini* Van Duzee 1921 (Proc. Cal. Ac. Sci., (4)XI, p. 114). *On the face of the descriptions*, the two species are one and the same. The synonymy stands this:

Plinthisus longisetosus Barber 1918 = *Plinthisus martini* Van Duzee 1921.—J. R. DE LA TORRE-BUENO, TUCSON, ARIZ.

The Prey of *Crossocerus pammelas* Pate (Sphecidae).—

While painting his house in Detroit, Michigan, on October 1, 1944, the writer noticed a small black wasp with a prey trying to enter a hole between the mossy shingles at the edge of the roof. The wasp and prey were captured and readily determined, the wasp as *Crossocerus* (*Blepharipus*) *pammelas* Pate (= *ater* Cr., nec. Oliv.) and the prey as a female leaf-hopper, *Empoasca* (*Kybos*) sp. (possibly *obtusa* Walsh or *patula* DeLong). Pate in his revision of the subgenus (1943, *Lloydia*, 6: 267) gives a resume of the ethology but nothing is stated concerning the present species.—GEORGE STEYSKAL, Detroit, Mich.

Note on Preparing Diptera.—Small flies which are to be mounted on points or minuten nadeln often come out of the killing bottle with their wings folded against the sides of the body. The writer has found that the best way to get the wings into a more desirable position is to place the fly feet downward in the trough formed by the opposed thumb and forefinger and to press it gently on the dorsum of the thorax with the side of a large pin or pencil point. The wings will usually flip upward before enough pressure is applied to dent the dorsum.—GEORGE STEYSKAL, Detroit, Mich.